

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: March 7, 2005, 07:07:07 ; Search time 120.873 Seconds  
(without alignments)  
1072.560 Million cell updates/sec

Title: US-09-939-537-29\_COPY\_1\_394

Perfect score: 2029

Sequence: 1 MNRGVPRHLLVLQALLP.....SGQVLESNIKVLPTWSTRV 394

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1391452 seqs, 329044822 residues

1391452

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications AA.\*

1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
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20: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description       |
|------------|-------|-------------|--------|----|-------------------|
| 1          | 2029  | 100.0       | 398    | 10 | US-09-939-537-29  |
| 2          | 2029  | 100.0       | 462    | 11 | US-09-939-537-5   |
| 3          | 2029  | 100.0       | 462    | 11 | US-09-243-008-5   |
| 4          | 2029  | 100.0       | 532    | 10 | US-09-939-537-6   |
| 5          | 2029  | 100.0       | 532    | 11 | US-09-243-008-6   |
| 6          | 2029  | 100.0       | 575    | 10 | US-09-939-537-4   |
| 7          | 2029  | 100.0       | 575    | 11 | US-09-243-008-4   |
| 8          | 2021  | 99.6        | 457    | 11 | US-09-891-119A-9  |
| 9          | 2017  | 99.4        | 402    | 14 | US-10-157-408-1   |
| 10         | 2017  | 99.4        | 402    | 14 | US-10-097-044A-1  |
| 11         | 2017  | 99.4        | 402    | 16 | US-10-769-247-1   |
| 12         | 2015  | 99.3        | 458    | 14 | US-10-103-597A-39 |
| 13         | 2015  | 99.3        | 458    | 14 | US-10-188-444-39  |

|    |        |      |     |    |                   |                    |
|----|--------|------|-----|----|-------------------|--------------------|
| 14 | 2015   | 99.3 | 458 | 14 | US-10-207-655-170 | Sequence 170, App  |
| 15 | 2007   | 98.9 | 458 | 14 | US-10-151-274-3   | Sequence 3, Appl1  |
| 16 | 2001   | 98.6 | 397 | 11 | US-09-891-119A-2  | Sequence 2, Appl1  |
| 17 | 1997   | 98.4 | 458 | 8  | US-08-681-219-27  | Sequence 27, Appl1 |
| 18 | 1997   | 98.4 | 458 | 10 | US-09-230-111C-25 | Sequence 25, Appl1 |
| 19 | 1997   | 98.4 | 458 | 14 | US-10-092-138-25  | Sequence 4, Appl1  |
| 20 | 1904   | 93.8 | 434 | 14 | US-10-157-408-4   | Sequence 4, Appl1  |
| 21 | 1904   | 93.8 | 434 | 14 | US-10-097-044A-4  | Sequence 4, Appl1  |
| 22 | 1904   | 93.8 | 434 | 16 | US-10-769-247-4   | Sequence 4, Appl1  |
| 23 | 1891   | 93.2 | 370 | 9  | US-09-759-841-6   | Sequence 6, Appl1  |
| 24 | 1891   | 93.2 | 433 | 16 | US-10-872-198-129 | Sequence 129, App  |
| 25 | 1877.5 | 92.5 | 448 | 14 | US-10-024-329-32  | Sequence 32, Appl1 |
| 26 | 1050.5 | 51.8 | 310 | 8  | US-08-485-163-7   | Sequence 7, Appl1  |
| 27 | 1050.5 | 51.8 | 310 | 9  | US-09-766-995-2   | Sequence 6, Appl1  |
| 28 | 1046   | 51.6 | 530 | 9  | US-09-766-995-4   | Sequence 5, Appl1  |
| 29 | 1046   | 51.6 | 530 | 9  | US-09-766-995-4   | Sequence 4, Appl1  |
| 30 | 1045   | 51.5 | 432 | 8  | US-08-485-163-3   | Sequence 3, Appl1  |
| 31 | 1045   | 51.5 | 432 | 8  | US-09-766-995-2   | Sequence 2, Appl1  |
| 32 | 1041   | 51.3 | 203 | 10 | US-09-939-537-31  | Sequence 31, Appl1 |
| 33 | 993    | 48.9 | 612 | 14 | US-10-125-692-10  | Sequence 10, Appl1 |
| 34 | 921    | 45.4 | 788 | 14 | US-10-073-118-26  | Sequence 26, Appl1 |
| 35 | 919    | 45.3 | 580 | 9  | US-09-934-060A-13 | Sequence 13, Appl1 |
| 36 | 919    | 45.3 | 720 | 9  | US-09-934-060A-2  | Sequence 2, Appl1  |
| 37 | 919    | 45.3 | 720 | 9  | US-09-934-060A-4  | Sequence 4, Appl1  |
| 38 | 911    | 44.9 | 178 | 9  | US-09-934-060A-26 | Sequence 26, Appl1 |
| 39 | 881    | 43.4 | 184 | 14 | US-10-024-329-33  | Sequence 33, Appl1 |
| 40 | 494    | 24.3 | 94  | 11 | US-09-891-119A-10 | Sequence 10, Appl1 |
| 41 | 486    | 24.0 | 93  | 14 | US-10-105-545-26  | Sequence 26, Appl1 |
| 42 | 366    | 18.0 | 73  | 9  | US-09-929-924-16  | Sequence 16, Appl1 |
| 43 | 364    | 17.9 | 73  | 9  | US-09-929-924-36  | Sequence 36, Appl1 |
| 44 | 364    | 17.9 | 73  | 9  | US-09-929-924-37  | Sequence 37, Appl1 |
| 45 | 361    | 17.8 | 73  | 9  | US-09-929-924-33  | Sequence 33, Appl1 |

#### ALIGNMENTS

RESULT 1  
US-09-939-537-29  
Sequence 29, Application US/09939537  
Publication NO. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanne, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961

FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 29:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 398 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 29:  
US-09-939-537-29

Query Match 100.0%; Score 2029; DB 10; Length 398;  
Best Local Similarity 100.0%; Pred. No. 4.1e-146;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MNRGVPRHLLVLTQALLPAATQGNRVYLGKGDVVELTCTASQKKSIOFHMKNNSQIK 60
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DB 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILITNKLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGILTANSDTHLLQGQSLTTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELQDSG 180
DB 121 LVFGILTANSDTHLLQGQSLTTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELQDSG 180
QY 181 TWTCVTLOQNKKEVFKIDIVYLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
DB 181 TWTCVTLOQNKKEVFKIDIVYLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLNKKEVSVKRVYQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLLA 300
DB 241 QABRASSSKSWITFDLNKKEVSVKRVYQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLLA 300
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DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
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RESULT 2  
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Sequence 5, Application US/09939537  
Publication No. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kojanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-939-537-5

Query Match 100.0%; Score 2029; DB 10; Length 462;  
Best Local Similarity 100.0%; Pred. No. 4.9e-146;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 ILGNQGSFLTKGSPKLNDRADSRSLMDQGNPILITNKLKIEDSDTYICEVEDQKEEVOL 120
QY 121 LVFGILTANSDTHLLQGQSLTTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELQDSG 180
DB 121 LVFGILTANSDTHLLQGQSLTTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELQDSG 180
QY 181 TWTCVTLOQNKKEVFKIDIVYLAFOKASSTVYKKEGQVEFSPLATVVEKLTGSGELMW 240
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QY 241 QABRASSSKSWITFDLNKKEVSVKRVYQDPKLOMGKKLPLHLTLPQALPOYAGSGNLTLLA 300
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DB 361 LNPEAGMOCCLSDSGOVLLESNIKVLPTWSTPV 394
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RESULT 3  
US-09-243-008-5  
Sequence 5, Application US/09243008  
Publication No. US20040005334A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.

TITLE OF INVENTION: Redirection of Cellular Immunity by  
Receptor Chimeras  
NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804  
COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb  
COMPUTER: IBM PS/2 Model 50Z or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)  
SOFTWARE: Wordperfect (Version 5.0)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/243,008  
FILING DATE: 02-Feb-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,176  
FILING DATE: SEPTEMBER 11, 1995  
APPLICATION NUMBER: 08/203,866  
FILING DATE: February 28, 1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Karen P. Lech, Ph.D  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/270001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906  
TELEX: 200154  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 462 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 5:  
US-09-243-008-5  
Query Match 100.0%; Score 2029; DB 11; Length 462;  
Best Local Similarity 100.0%; Pred. No. 4,9e-146;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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QY 61 IIGNGSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLIKEDSDTYICEVEDEQKEEVOI 120  
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DB 121 LVFGLTANSBDTHLLOQOSLTLTLESPPGSSPSVQCSPPKKNIOGKTLTSSVSLQLELQDSG 180  
QY 121 LVFGLTANSBDTHLLOQOSLTLTLESPPGSSPSVQCSPPKKNIOGKTLTSSVSLQLELQDSG 180  
DB 121 LVFGLTANSBDTHLLOQOSLTLTLESPPGSSPSVQCSPPKKNIOGKTLTSSVSLQLELQDSG 180  
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DB 181 TWTCYVLOQOKKEFKIDIVLAFQKASSIVYKGEBOYEFSPPLAFYVEKLGSGELMW 240  
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QY 361 LNPBAGMOCCLSDSGVLLSENIKVLPTWSTPV 394

DB 361 LNPBAGMOCCLSDSGVLLSENIKVLPTWSTPV 394  
RESULT 4  
US-09-939-537-6  
Sequence 6, Application US/09939537  
Publication No. US20030138410A1  
GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles  
Kolanus, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED  
CELLS BY CHIMERIC CD4 RECEPTOR-BEARING CELLS  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Clark & Elbing LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994  
APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994  
APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992  
APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Elbing, Karen L.  
REGISTRATION NUMBER: 35,238  
REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045  
TELEX: <Unknown>  
INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-09-939-537-6  
Query Match 100.0%; Score 2029; DB 10; Length 532;  
Best Local Similarity 100.0%; Pred. No. 5,9e-146;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MKRGVPRHLLVLOALIPAAQGNKVVLGKKGDTVELTCTASQKKSIOFHKNNSNOIK 60  
DB 1 MKRGVPRHLLVLOALIPAAQGNKVVLGKKGDTVELTCTASQKKSIOFHKNNSNOIK 60  
QY 61 IIGNGSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLIKEDSDTYICEVEDEQKEEVOI 120  
DB 61 IIGNGSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLIKEDSDTYICEVEDEQKEEVOI 120  
QY 121 LVFGLTANSBDTHLLOQOSLTLTLESPPGSSPSVQCSPPKKNIOGKTLTSSVSLQLELQDSG 180

Thu Mar 10 07:09:04 2005

us-09-939-537-29\_copy\_1\_394.rapb

Page 4

Db 121 LVFGITANSDFTHLQGGSLITLTPSSPGSSPSVQCRSPRGKNIQGGKTLTSSVQLELQDSG 180  
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Db 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEWGPSPKMLSLKLENKAKYSKKEKPVWV 360  
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Db 361 LNPEAGMWOCCLSDSGQVLLBSNIKVLPWSTPV 394

RESULT 5  
US-09-243-008-6  
Sequence 6, Application US/09243008  
Publication No. US20040005334A1

GENERAL INFORMATION:  
APPLICANT: Seed, Brian et al.  
TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02110-2804

COMPUTER READABLE FORM:  
MEDIUM TYPE: 3.5" Diskette, 1.44 MB

COMPUTER: IBM PS/2 Model 502 or 55SX  
OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)

SOFTWARE: WordPerfect (Version 5.0)

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/243,008  
FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/394,176  
FILING DATE: SEPTEMBER 11, 1995

APPLICATION NUMBER: 08/203,866  
FILING DATE: February 28, 1994

APPLICATION NUMBER: 07/847,566  
FILING DATE: March 6, 1992

APPLICATION NUMBER: 07/665,961  
FILING DATE: March 7, 1991

ATTORNEY/AGENT INFORMATION:  
NAME: Karen F. Lech, Ph.D.  
REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/270001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 542-5070  
TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 6:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 532 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-243-008-6

Query Match 100.0%; Score 2029; DB 11; Length 532;  
Best Local Similarity 100.0%; Pred. No. 5,9e-146;  
Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MNRGVFPHLLVLTQALLPAAIQGNKVVLGKKDPTVEITCTASQKSIQFHKNSNQIK 60  
Db 1 MNRGVFPHLLVLTQALLPAAIQGNKVVLGKKDPTVEITCTASQKSIQFHKNSNQIK 60  
QY 61 ILGNQSLTGTGPKANDRADSRRLMDQGNFPLIINKLIEDSDTYICVEBOKEVOL 120  
Db 61 ILGNQSLTGTGPKANDRADSRRLMDQGNFPLIINKLIEDSDTYICVEBOKEVOL 120  
QY 121 LVFGITANSDFTHLQGGSLITLTPSSPGSSPSVQCRSPRGKNIQGGKTLTSSVQLELQDSG 180  
Db 121 LVFGITANSDFTHLQGGSLITLTPSSPGSSPSVQCRSPRGKNIQGGKTLTSSVQLELQDSG 180  
QY 181 TWTCVTLQONOKKVEFKIDIVVLAFOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240  
Db 181 TWTCVTLQONOKKVEFKIDIVVLAFOKASSIYKKEGQVEFSPFLATVETKLTSSGELMW 240  
QY 241 QAEKASSSKSWITFDLKNKEVSVKRVTDOPKLOMGKKLPLHLTLPALPOYAGSGNLTLLA 300  
Db 241 QAEKASSSKSWITFDLKNKEVSVKRVTDOPKLOMGKKLPLHLTLPALPOYAGSGNLTLLA 300  
QY 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEWGPSPKMLSLKLENKAKYSKKEKPVWV 360  
Db 301 LEAKTGKLEHVEVNLVYMRATOLQKNLTCEWGPSPKMLSLKLENKAKYSKKEKPVWV 360  
QY 361 LNPEAGMWOCCLSDSGQVLLBSNIKVLPWSTPV 394  
Db 361 LNPEAGMWOCCLSDSGQVLLBSNIKVLPWSTPV 394

RESULT 6  
US-09-939-537-4  
Sequence 4, Application US/09939537  
Publication No. US20030138410A1

GENERAL INFORMATION:  
APPLICANT: Seed, Brian  
Banapour, Babak  
Romeo, Charles

Kolane, Waldemar  
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS

NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSER: Clark & Ebling LLP  
STREET: 176 Federal Street  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02110

COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS  
SOFTWARE: FastSRO for Windows Version 2.0

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/939,537  
FILING DATE: 24-Aug-2001

CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/284,391  
FILING DATE: 02-AUG-1994

APPLICATION NUMBER: 08/195,395  
FILING DATE: 14-FEB-1994

APPLICATION NUMBER: 07/847,566  
FILING DATE: 06-MAR-1992

APPLICATION NUMBER: 07/665,961  
FILING DATE: 07-MAR-1991

ATTORNEY/AGENT INFORMATION:  
NAME: Ebling, Karen L.  
REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 00786/247001  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-428-0200  
TELEFAX: 617-428-7045

TELEX: <Unknown>  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 575 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 US-09-939-537-4

Query Match 100.0%; Score 2029; DB 10; Length 575;  
 Best Local Similarity 100.0%; Pred. No. 6.5e-146;  
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 MNRGVPFRHLVLVQLALLPAATQGNKVVLAGKKGDTVELTCTASQKSIQFHKNSNQIK 60
DB 1 MNRGVPFRHLVLVQLALLPAATQGNKVVLAGKKGDTVELTCTASQKSIQFHKNSNQIK 60
QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNFPLIKNLIKIDSDTYICEVEDQKEEYOL 120
DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNFPLIKNLIKIDSDTYICEVEDQKEEYOL 120
QY 121 LVFGLTANSDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVQLELDQSG 180
DB 121 LVFGLTANSDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVQLELDQSG 180
QY 181 TWTCVTLQNKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
DB 181 TWTCVTLQNKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
QY 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOALPOYAGSGNLTLA 300
DB 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOALPOYAGSGNLTLA 300
QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVW 360
DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVW 360
QY 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394

```

## RESULT 7

US-09-243-008-4  
 Sequence 4, Application US/09243008  
 Publication No. US20040005334A1

## GENERAL INFORMATION:

APPLICANT: Seed, Brian et al.  
 TITLE OF INVENTION: Redirection of Cellular Immunity by Receptor Chimeras

NUMBER OF SEQUENCES: 40  
 CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
 STREET: 225 Franklin Street

CITY: Boston  
 STATE: MA

COUNTRY: USA  
 ZIP: 02110-2804

COMPUTER READABLE FORM:  
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

COMPUTER: IBM PS/2 Model 502 or 55SX  
 OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)

SOFTWARE: Wordperfect (Version 5.0)  
 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/243,008  
 FILING DATE: 02-Feb-1999

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/394,176

FILING DATE: SEPTEMBER 11, 1995  
 APPLICATION NUMBER: 08/203,866

FILING DATE: February 28, 1994

APPLICATION NUMBER: 07/847,566  
 FILING DATE: March 6, 1992  
 APPLICATION NUMBER: 07/665,961  
 FILING DATE: March 7, 1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Karen F. Lech, Ph.D.  
 REGISTRATION NUMBER: 35,238  
 REFERENCE/DOCKET NUMBER: 00786/270001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 542-5070  
 TELEFAX: (617) 542-8906  
 TELEX: 200154  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 575 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 US-09-243-008-4

Query Match 100.0%; Score 2029; DB 11; Length 575;  
 Best Local Similarity 100.0%; Pred. No. 6.5e-146;  
 Matches 394; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 1 MNRGVPFRHLVLVQLALLPAATQGNKVVLAGKKGDTVELTCTASQKSIQFHKNSNQIK 60
DB 1 MNRGVPFRHLVLVQLALLPAATQGNKVVLAGKKGDTVELTCTASQKSIQFHKNSNQIK 60
QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNFPLIKNLIKIDSDTYICEVEDQKEEYOL 120
DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNFPLIKNLIKIDSDTYICEVEDQKEEYOL 120
QY 121 LVFGLTANSDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVQLELDQSG 180
DB 121 LVFGLTANSDTHLQGSITLTLESPPGSSPSVQCRSPRGKNIQGGKTLISVQLELDQSG 180
QY 181 TWTCVTLQNKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
DB 181 TWTCVTLQNKQKVEFKIDIVLAFQKASSIVYKKEGEVFEFPLAFYVEKLTGSGELMW 240
QY 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOALPOYAGSGNLTLA 300
DB 241 QAERASSSSKSWITFDLKNKEVSVKRVTOPKLGKGLPLHLTLPOALPOYAGSGNLTLA 300
QY 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVW 360
DB 301 LEAKTGKLGHOEVNLVVMRATOLQKNLTCEVWGPTSPKMLSLKENKAKVSKREKPVVW 360
QY 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394
DB 361 LNPEAGMOCCLSDSGQVLESNIKVLPTWSTPV 394

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## RESULT 8

US-09-891-119A-9  
 Sequence 9, Application US/09891119A  
 Publication No. US200400013683A1

## GENERAL INFORMATION:

APPLICANT: Madden, Paul J.  
 TITLE OF INVENTION: DERIVATIVES OF SOLUBLE T-4

FILE REFERENCE: 24577-CY-B  
 CURRENT APPLICATION NUMBER: US/09/891,119A

CURRENT FILING DATE: 2001-06-25  
 NUMBER OF SEQ ID NOS: 22

SOFTWARE: PatentIn version 3.1  
 SEQ ID NO 9

LENGTH: 457  
 TYPE: PRT

ORGANISM: human  
 US-09-891-119A-9

Query Match 99.6%; Score 2021; DB 11; Length 457;

Thu Mar 10 07:09:04 2005

us-09-939-537-29\_copy\_1\_394.rapb

Page 6

Best Local Similarity 99.7%; Pred. No. 2e-145; Matches 393; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNRGVPFRHLILVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
D 1 MNRGVPFRHLILVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
QY 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNFPLIIKNLKI EDSPTYICEVEDQKEEYQL 120
D 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNFPLIIKNLKI EDSPTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDDTHLQGSILTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELODSG 180
D 121 LVFGLTANSDDTHLQGSILTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELODSG 180
QY 181 TWCTVLOQKVEFKIDIVLAFQKASSIYVKKEGQVEFSPPLAFTVEKLTGSGELMW 240
D 181 TWCTVLOQKVEFKIDIVLAFQKASSIYVKKEGQVEFSPPLAFTVEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPOLPOYAGSGNLTLA 300
D 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPOLPOYAGSGNLTLA 300
QY 301 LEAKTGKHOEVNLVVMARATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
D 301 LEAKTGKHOEVNLVVMARATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
QY 361 LNPEAGMWOCILSDSGOVLLESNIKVLPTWSTPV 394
D 361 LNPEAGMWOCILSDSGOVLLESNIKVLPTWSTPV 394
```

RESULT 9  
US-10-157-408-1  
Sequence 1, Application US/10157408  
Publication No. US20030104535A1

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.  
Gregory, Timothy J.  
TITLE OF INVENTION: Adhesion Variants  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/157,408  
FILING DATE: 28-May-2002  
CLASSIFICATION: 435  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,918  
FILING DATE: 1-JUN-1995  
APPLICATION NUMBER: 08/236311  
FILING DATE: 02-MAY-1994  
APPLICATION NUMBER: 07/936190  
FILING DATE: 26-AUG-1992  
APPLICATION NUMBER: 07/842777  
FILING DATE: 18-FEB-1992  
APPLICATION NUMBER: 07/250785  
FILING DATE: 28-SEP-1988  
APPLICATION NUMBER: 07/104329  
FILING DATE: 02-OCT-1987  
ATTORNEY/AGENT INFORMATION:  
NAME: Kubinec, Jeffrey S.  
REGISTRATION NUMBER: 36,575

REFERENCE/DOCKET NUMBER: P0444P1C3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415/225-8228  
TELEFAX: 415/952-9881  
TELEX: 910/371-7168  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 402 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

US-10-157-408-1  
SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Query Match 99.4%; Score 2017; DB 14; Length 402;  
Best Local Similarity 99.7%; Pred. No. 3.4e-145;  
Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 1 MNRGVPFRHLILVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
D 1 MNRGVPFRHLILVLTQALPAPATQGNKVLGKGGDTVELTCTASQKSIQPHMKNNOIK 60
QY 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNFPLIIKNLKI EDSPTYICEVEDQKEEYQL 120
D 61 ILGNQGSFLTQKPSKLNDRADSRSLMDQGNFPLIIKNLKI EDSPTYICEVEDQKEEYQL 120
QY 121 LVFGLTANSDDTHLQGSILTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELODSG 180
D 121 LVFGLTANSDDTHLQGSILTLTLESPPGSSPSVQCSPPRGKNIQGGKTLVSQLELODSG 180
QY 181 TWCTVLOQKVEFKIDIVLAFQKASSIYVKKEGQVEFSPPLAFTVEKLTGSGELMW 240
D 181 TWCTVLOQKVEFKIDIVLAFQKASSIYVKKEGQVEFSPPLAFTVEKLTGSGELMW 240
QY 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPOLPOYAGSGNLTLA 300
D 241 QABRASSSKSWITFDLKNKEVSVKRVTQDPKLOMGKKLPLHLTLPOLPOYAGSGNLTLA 300
QY 301 LEAKTGKHOEVNLVVMARATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
D 301 LEAKTGKHOEVNLVVMARATOLQKNLTCEVWGFTSPKMLSLKLENKEAKVSKREKPVW 360
QY 361 LNPEAGMWOCILSDSGOVLLESNIKVLPTWSTPV 393
D 361 LNPEAGMWOCILSDSGOVLLESNIKVLPTWSTPV 393
```

RESULT 10  
US-10-097-044A-1  
Sequence 1, Application US/10097044A  
Publication No. US20030143220A1

GENERAL INFORMATION:

APPLICANT: Capon, Daniel J.  
Gregory, Timothy J.  
TITLE OF INVENTION: Adhesion Variants  
NUMBER OF SEQUENCES: 25  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Genentech, Inc.  
STREET: 460 Point San Bruno Blvd  
CITY: South San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: patin (Genentech)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/097,044A  
FILING DATE: 28-May-2002  
CLASSIFICATION: <Unknown>  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: US/08/457,918

FILING DATE: 1-JUN-1995  
 APPLICATION NUMBER: 08/236311  
 FILING DATE: 02-MAY-1994  
 APPLICATION NUMBER: 07/936190  
 FILING DATE: 26-AUG-1992  
 APPLICATION NUMBER: 07/842777  
 FILING DATE: 18-FEB-1992  
 APPLICATION NUMBER: 07/250785  
 FILING DATE: 28-SEP-1988  
 APPLICATION NUMBER: 07/104329  
 FILING DATE: 02-OCT-1987  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kubinec, Jeffrey S.  
 REGISTRATION NUMBER: 36,575  
 REFERENCE/DOCKET NUMBER: P0444P1C3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8228  
 TELEFAX: 415/952-9881  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 402 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 US-10-097-044A-1

Query Match 99.4%; Score 2017; DB 14; Length 402;  
 Best Local Similarity 99.7%; Pred. No. 3,4e-145;  
 Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNNOIK 60  
 DB 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNNOIK 60  
 QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120  
 DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120  
 QY 121 LVFGLTANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELDG 180  
 DB 121 LVFGLTANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELDG 180  
 QY 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEQVEFPLFTVEKLTGSGELMW 240  
 DB 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEQVEFPLFTVEKLTGSGELMW 240  
 QY 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALQYAGSGNLTLA 300  
 DB 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALQYAGSGNLTLA 300  
 QY 301 LEAKTGKLEHENVLVYMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVVY 360  
 DB 301 LEAKTGKLEHENVLVYMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVVY 360  
 QY 361 LNPEAGMOCLSDSGOVLLESNIKVLPTWSTP 393  
 DB 361 LNPEAGMOCLSDSGOVLLESNIKVLPTWSTP 393

RESULT 11  
 US-10-769-247-1  
 Sequence 1, Application US/10769247  
 Publication No. US20040197809A1  
 GENERAL INFORMATION:  
 APPLICANT: Capon, Daniel J.  
 Gregory, Timothy J.  
 TITLE OF INVENTION: Adhesion Variants  
 NUMBER OF SEQUENCES: 25  
 CORRESPONDENCE ADDRESSES:  
 ADDRESSES: Genentech, Inc.  
 STREET: 460 Point San Bruno Blvd  
 CITY: South San Francisco

STATE: California  
 COUNTRY: USA  
 ZIP: 94080  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: patin (Genentech)  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/10/769,247  
 FILING DATE: 30-Jan-2004  
 CLASSIFICATION: <Unknown>  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US/08/457,918  
 FILING DATE: 1-JUN-1995  
 APPLICATION NUMBER: 08/236311  
 FILING DATE: 02-MAY-1994  
 APPLICATION NUMBER: 07/936190  
 FILING DATE: 26-AUG-1992  
 APPLICATION NUMBER: 07/842777  
 FILING DATE: 18-FEB-1992  
 APPLICATION NUMBER: 07/250785  
 FILING DATE: 28-SEP-1988  
 APPLICATION NUMBER: 07/104329  
 FILING DATE: 02-OCT-1987  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Kubinec, Jeffrey S.  
 REGISTRATION NUMBER: 36,575  
 REFERENCE/DOCKET NUMBER: P0444P1C3  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415/225-8228  
 TELEFAX: 415/952-9881  
 TELEX: 910/371-7168  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 402 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 SEQUENCE DESCRIPTION: SEQ ID NO: 1:  
 US-10-769-247-1

Query Match 99.4%; Score 2017; DB 16; Length 402;  
 Best Local Similarity 99.7%; Pred. No. 3,4e-145;  
 Matches 392; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNNOIK 60  
 DB 1 MNRGVPRHLLVQLALPAATQGNKVVVGKKGDTVELTCTASQKKSIOFHMKNNOIK 60  
 QY 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120  
 DB 61 IIGNQSFLTKGPSKLNDRADSRSLMDQGNPFLIKNLKIEDSDTYICEVEEQKEVOL 120  
 QY 121 LVFGLTANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELDG 180  
 DB 121 LVFGLTANSDTHLLQGSLLTLTLESPGSSPSVQCSPRGKNIOGKTLVSQLELDG 180  
 QY 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEQVEFPLFTVEKLTGSGELMW 240  
 DB 181 TWTCTVLQNKKEFKIDIVLAFOKASSIVYKKEGEQVEFPLFTVEKLTGSGELMW 240  
 QY 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALQYAGSGNLTLA 300  
 DB 241 QABRASSSKSWITFDLKNKEVSVKRYTQDPKLOMGKKLPLHLTLPLPALQYAGSGNLTLA 300  
 QY 301 LEAKTGKLEHENVLVYMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVVY 360  
 DB 301 LEAKTGKLEHENVLVYMRATOLQKNLTCEVWGFTSPKMLSLKLENKAVSKREKPVVY 360  
 QY 361 LNPEAGMOCLSDSGOVLLESNIKVLPTWSTP 393  
 DB 361 LNPEAGMOCLSDSGOVLLESNIKVLPTWSTP 393

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RESULT 12
US-10-103-597A-39
; Sequence 39, Application US/10103597A
; Publication No. US2003096432A1
; GENERAL INFORMATION:
; APPLICANT: Jakobsen, Bent Karsten
; TITLE OF INVENTION: Screening Methods
; FILE REFERENCE: 102286.142
; CURRENT APPLICATION NUMBER: US/10/103.597A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: PCT/GB00/03579
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: GB 9922352.1
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-103-597A-39

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
DB 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
QY 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
DB 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
QY 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
DB 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
QY 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLQMGKKLPLHLTPQALPOYAGSGNLTIA 300
DB 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLQMGKKLPLHLTPQALPOYAGSGNLTIA 300
QY 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
DB 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
QY 361 LNPEAGMOCCLISDSGOVLLESNINIVLPTWSTPV 394
DB 361 LNPEAGMOCCLISDSGOVLLESNINIVLPTWSTPV 394

RESULT 13
US-10-188-444-39
; Sequence 39, Application US/10188444
; Publication No. US20030104635A1
; GENERAL INFORMATION:
; APPLICANT: Jakobsen, Bent Karsten
; TITLE OF INVENTION: Screening Methods
; FILE REFERENCE: 102286.142 (CIP)
; CURRENT APPLICATION NUMBER: US/10/188.444
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: PCT/GB00/03579
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: GB 9922352.1
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 39
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; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-188-444-39

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
DB 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
QY 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
DB 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
QY 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
DB 181 TWTCYVLQONQKVEFKIDIVLAFQKASSIVYKKEGEVSEFPLAFTVEKLTGSGELMW 240
QY 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLQMGKKLPLHLTPQALPOYAGSGNLTIA 300
DB 241 QABRASSKSWITFDLKNKEVSVKRVTDPKLQMGKKLPLHLTPQALPOYAGSGNLTIA 300
QY 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
DB 301 LEAKTGKLGHOEVNLYVMRATOLQKNLTCEVWGPTSPKMLSLKENKEAKVSKREKAVV 360
QY 361 LNPEAGMOCCLISDSGOVLLESNINIVLPTWSTPV 394
DB 361 LNPEAGMOCCLISDSGOVLLESNINIVLPTWSTPV 394

RESULT 14
US-10-207-655-170
; Sequence 170, Application US/10207655
; Publication No. US20030118592A1
; GENERAL INFORMATION:
; APPLICANT: Ledbetter, Jeffrey A.
; TITLE OF INVENTION: BINDING DOMAIN-IMMUNOGLOBULIN FUSION PROTEINS
; FILE REFERENCE: 390069.401C1
; CURRENT APPLICATION NUMBER: US/10/207.655
; CURRENT FILING DATE: 2002-07-25
; NUMBER OF SEQ ID NOS: 426
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 170
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-207-655-170

Query Match          99.3%; Score 2015; DB 14; Length 458;
Best Local Similarity 99.5%; Pred. No. 5.7e-145;
Matches 392; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
DB 1 MNRGVPFRHLIVLQALIPAAATQGNKVVLGKGGDTVELCTASQKKSIOFHMKNSNQIK 60
QY 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
DB 61 ILGNQSPFLTKGPKLNDRADSRSLMDQGNFPLIIKXKLESDPTYICEVEDQKEEVOL 120
QY 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
DB 121 LVFGLTANSPTHLLQGOSLTLLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELDQDSG 180
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Search completed: March 7, 2005, 07:28:10  
Job time : 121.873 secs

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Qy 181 TWTCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
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Db 181 TWTCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Qy 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTLA 300
    |||||
Db 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTLA 300
Qy 301 LEAKTGKLEHAEVNLVVMRATOLQKNLTCBVGPTSPKMLSLKLENKAKVSKREKPVNV 360
    |||||
Db 301 LEAKTGKLEHAEVNLVVMRATOLQKNLTCBVGPTSPKMLSLKLENKAKVSKREKPVNV 360
Qy 361 LNPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394
    |||||
Db 361 LNPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394

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RESULT 15
US-10-151-274-3
; Sequence 3, Application US/10151274
; Publication No. US20030064071A1
; GENERAL INFORMATION:
; APPLICANT: Liltman, Dan R.
; APPLICANT: Kwon, Douglas S.
; APPLICANT: van Kooyk, Yvette
; APPLICANT: Geiltenbeck, Theo
; TITLE OF INVENTION: METHODS OF USING A FACILITATOR OF RETROVIRAL ENTRY
; TITLE OF INVENTION: INTO
; FILE OF INVENTION: CELLS
; FILE REFERENCE: 1049-1-017
; CURRENT APPLICATION NUMBER: US/10/151,274
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/517,605
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 3
; LENGTH: 458
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-274-3

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Query Match 98.9%; Score 2007; DB 14; Length 458;  
Best Local Similarity 99.2%; Pred. No. 2,3e-144;  
Matches 391; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Qy 1 MNRGVPFRHLILVQLALIPATQGNKVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
    |||||
Db 1 MNRGVPFRHLILVQLALIPATQGNKVLGKKGDTVELTCTASQKKSIOFHKNSNOIK 60
Qy 61 ILGNGSPLTKPSKLNDRADSRSLMDGNPPLIKNLIKEDSDTYICEVEDQKEEYOL 120
    |||||
Db 61 ILGNGSPLTKPSKLNDRADSRSLMDGNPPLIKNLIKEDSDTYICEVEDQKEEYOL 120
Qy 121 LVFGLTANSDDLLOQOSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
    |||||
Db 121 LVFGLTANSDDLLOQOSLTLTLESPGSSPSVQCRSPRGKNIQGGKTLVSQLELODSG 180
Qy 181 TWTCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
    |||||
Db 181 TWTCTVLONQKVEFKIDIVLAFQKASSIVYKKEGQVEFSFPLAFVTEKLTGSGELMW 240
Qy 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTLA 300
    |||||
Db 241 QABRASSSSKSWITFDLKNKEVSVKRVTQDPKLOMGKCLPLHLTLPOALPOYAGSGNLTLA 300
Qy 301 LEAKTGKLEHAEVNLVVMRATOLQKNLTCBVGPTSPKMLSLKLENKAKVSKREKPVNV 360
    |||||
Db 301 LEAKTGKLEHAEVNLVVMRATOLQKNLTCBVGPTSPKMLSLKLENKAKVSKREKPVNV 360
Qy 361 LNPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394
    |||||
Db 361 LNPEAGMWQCLLSDSGQVLLBSNIVKLPWSTPVP 394

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